4296-183 US

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE TO ATTORNEY'S DOCKET NUMBER (REV. 2-2005) TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
Herewit 0/553880

INTERNATIONAL APPLICATION NO. PCT/JP2004/005761

INTERNATIONAL FILING DATE 22.04.2004 (22 April 2004) PRIORITY DATE CLAIMED 25.04.2003 (25 April 2003)

TITLE OF INVENTION

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		T(S) FOR DO/EO/US
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Annli	cant h	erewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:
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1.	× ×	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.
2.		This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4.	\boxtimes	The US has been elected (Article 31).
5.	\boxtimes	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
		a. 🖾 is attached hereto (required only if not communicated by the International Bureau).
		b. has been communicated by the International Bureau.
		c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6.	\boxtimes	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
		a. 🖾 is attached hereto.
		b. has been previously submitted under 35 U.S.C. 154(d)(4).
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
	•	a. are attached hereto (required only if not communicated by the International Bureau).
		b. have been communicated by the International Bureau.
	ی	c. \square have not been made; however, the time limit for making such amendments has NOT expired.
	-	d. \square have not been made and will not be made.
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.	\boxtimes	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11.		A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12.	\boxtimes	A copy of the International Search Report (PCT/ISA/210).
It	ems 1	3 to 23 below concern document(s) or information included:
13.		An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14.	\boxtimes	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15.	\boxtimes	A FIRST preliminary amendment.
16.		A SECOND or SUBSEQUENT preliminary amendment.
17.		A substitute specification.
18.		A power of attorney and/or change of address letter.
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21.		A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22.	\boxtimes	Express Mail Label No. EV 727214088 US
23.	\boxtimes	Other items or information:
		PCT Written Opinion of the International Searching Authority; copy of Form PCT/IB/301, PCT/IB/304, PCT/IB/308 (First Notice), PCT/IB/308 (Second and Supplemental Notice), and PCT/IB/311; and copy of PCT Notification Concerning Submission or Transmittal of Priority Document

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Herewith
24. ⊠ Basic national fee
25. ☒ Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). \$100 \$ \$200.00 \$All other situations. \$200 \$26. ☒ Search fee. \$200 \$26. ☒
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)
Search fee (37 CFR 1.445(a)(2)) has been paid on the International application to the USPTO as an International Searching Authority. Standard Search Report prepared and provided to the Office. Additional Search Report prepared and provided to the Office. Standard Search Report prepared and provided to the Office. Standard Search Report prepared and provided to the Office. Standard Search Report prepared and provided to the Office. Standard Search Report prepared and provided to the Office. Standard Stand
Total Sheets
22 - 100 = 0
earliest claimed priority date (37 CFR 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims 14 -20 = 0
Total claims 14 -20 = 0
Independent claims 2 - 3 = 0 x \$200.00 \$ \$0.00 MULTIPLE DEPENDENT CLAIMS (if applicable)
MULTIPLE DEPENDENT CLAIMS (if applicable)
TOTAL OF ABOVE CALCULATIONS = \$ \$900.00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. SUBTOTAL = \$ \$450.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$ \$450.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$40.00 TOTAL FEES ENCLOSED = \$ \$490.00
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accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$50.00 TOTAL FEES ENCLOSED = \$ \$490.00
Amount to be \$
Amount to be \$
a. 🛛 A check in the amount of \$to cover the above fees is enclosed.
b. Please charge my Deposit Account No in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed.
c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-2165 . A duplicate copy of this sheet is enclosed.
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international Application to pending status.
SEND ALL CORRESPONDENCE TO:
Diane Dunn McKay, Esq. SIGNATURE
Diane Dunn McKay, Esq. Signature Signature
Diane Dunn McKay, Esq. Mathews, Shepherd, McKay & Bruneau, P.A. 100 Thanet Circle, Suite 306
Diane Dunn McKay, Esq. Mathews, Shepherd, McKay & Bruneau, P.A. Diane Dunn McKay

"EXPRESS MAIL CERTIFICATE"

"Express Mail" mailing label number: EV 727214088 US

Express Mail Corporate Account Number: XO88384

Date of Deposit: October 21, 2005

EV727214088US

Type of Documents:

- 1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. § 371 (two (2) sheets);
- 2. Specification (twenty-two (22) sheets);
- 3. Executed Declaration and Power of Attorney (two (2) sheets);
- 4. Preliminary Amendment (four (4) sheets);
- 5. Recordation Form Cover Sheet;
- 6. Assignment document;
- 7. Copy of PCT Request (four (4) sheets);
- 8. Copy of International Application Published Under the Patent Cooperation Treaty (PCT);
- 9. Copy of PCT Written Opinion;
- 10. Copy of International Search Report;
- 11. Copy of Form PCT/IB/301, PCT/IB/304, PCT/IB/308 (First Notice), PCT/IB/301 (Second and Supplemental Notice), and PCT/IB/311;
- 12. "Express Mail" Certificate;
- 13. One (1) Acknowledgement Postcard; and
- 14. Check for \$490.00.

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

Diane Dunn McKay

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)